

AMENDMENTS TO THE CLAIMS

1. (Currently amended) ~~A lighting~~ Lighting unit, comprising:
a first light element formed as a conventional light source and including a second lamp cap[[,]]; and
a second light element, comprising:
 a housing;
 a conventional lamp cap;
 a plurality of protruding elements extending outwardly from the housing, the plurality of protruding elements bearing a plurality of LEDs; and ~~formed as a plurality of LEDs and a lamp cap, characterized in that the second light element is formed as a separate LED module with~~
 a fitting to fittingly receive the first light element, wherein the housing substantially surrounds the fitting, wherein: and a second lamp cap whereby
the first and the second light elements are removably attached via the fitting and the second lamp cap, and
the fitting and the second lamp cap ~~providing~~ provide electrical and mechanical connection between ~~both~~ the first and the second light elements.

2. (Currently amended) ~~The lighting~~ Lighting unit according to claim 1, ~~characterized in that the LED module is provided with a number or~~ wherein the plurality of protruding elements, ~~which are evenly distributed around the housing of the second light element module, and that the protruding elements comprise a plurality of LEDs.~~

3. (Currently amended) ~~The lighting~~ Lighting unit according to claim 2, ~~characterized in that~~ wherein the plurality of LEDs of the lighting unit are positioned symmetrically relating to [[the]] a rotational axis defined by the structure of the conventional lamp cap, the second lamp cap and the fitting of the LED module.

4. (Currently amended) ~~The lighting~~ Lighting unit according to claim 3, ~~characterized in that wherein the plurality of protruding elements can rotate~~ are rotatable around the rotational axis with respect to the housing.

5. (Currently amended) ~~The lighting~~ Lighting unit according to claim 4, ~~characterized in that wherein the housing~~ second light element comprises a plurality of diffuser elements extending outwardly from the housing.

6. (Currently amended) ~~The lighting~~ Lighting unit according to claim 1, ~~characterized in that wherein the plurality of LEDs module comprises~~ comprise at least two types of LEDs emitting in operation radiation with ~~[[a]] at least two different wavelength~~ wavelengths, ~~and that the types~~ and wherein each type of the LEDs can be activated independently.

7. (Currently amended) ~~[[Light]]~~ The lighting unit according to claim 1, ~~characterized in that wherein the first light element can be dimmed~~ is dimmable.

8. (Currently amended) ~~[[Light]]~~ The lighting unit according to claim 1, ~~characterized in that wherein the second light element can be dimmed~~ is dimmable.

9. (Currently amended) ~~[[Light]]~~ The lighting unit according to claim 7, ~~characterized in that wherein the dimming can be~~ is effected by means of remote control.

10. (Currently amended) ~~LED module suitable for use in a~~ The lighting unit according to claim 1, wherein at least some of the plurality of LEDs are arranged as an LED module.

11. (New) The lighting unit according to claim 4, wherein each protruding element of the plurality of protruding elements comprises a hinge that enables the protruding element to rotate around at least one axis tangential to the housing.

12. (New) The lighting unit according to claim 1, wherein each of the plurality of protruding elements bears a plurality of LEDs.

13. (New) The lighting unit according to claim 1, wherein the plurality of protruding elements are structurally configured so as to facilitate heat dissipation from the plurality of LEDs.

14. (New) The lighting unit according to claim 1, wherein the plurality of protruding elements comprise three protruding elements disposed at 120 degree intervals around the housing.

15. (New) The lighting unit according to claim 5, wherein the plurality of protruding elements is configured to rotate automatically during the operation of the lighting unit.

16. (New) A lighting apparatus, comprising:
a first light element formed as a conventional light source and including a second lamp cap;
and

a second light element bearing a plurality of LEDs, the second light element comprising:
a housing;
a conventional lamp cap;
a plurality of diffuser elements extending outwardly from the housing; and
a fitting to fittingly receive the first light element, wherein the housing substantially surrounds the fitting, wherein:
the first and the second light elements are removably attached via the fitting and the second lamp cap, and
the fitting and the second lamp cap provide electrical and mechanical connection between the first and the second light elements.

17. (New) The lighting apparatus according to claim 16, wherein the plurality of diffuser elements are evenly distributed around the housing.

18. (New) The lighting apparatus according to claim 16, wherein the plurality of diffuser elements are configured to diffuse light effects generated by the lighting apparatus.

19. (New) The lighting apparatus according to claim 16, wherein at least one of the plurality of diffuser elements is provided with a structure for collimating light emitted by the plurality of LEDs.

20. (New) The lighting apparatus according to claim 16, wherein each of the plurality of diffuser elements is configured to be folded in and outside an emission direction of the plurality of LEDs via a hinge.

21. (New) The lighting apparatus according to claim 16, wherein the second light element further comprises a plurality of protruding elements extending outwardly from the housing and evenly distributed around the housing, wherein each of the protruding elements bears at least one LED.

22. (New) A lighting apparatus, comprising:
a first light element formed as a conventional light source and including a second lamp cap;
and
a second light element bearing a plurality of LEDs, the second light element comprising:
a housing;
a conventional lamp cap;
a plurality of rotating means extending outwardly from the housing; and
a fitting to fittingly receive the first light element, wherein the housing substantially surrounds the fitting, wherein:
the first and the second light elements are removably attached via the fitting and the second lamp cap, and
the fitting and the second lamp cap provide electrical and mechanical connection between the first and the second light elements.

23. (New) The lighting apparatus according to claim 22, wherein the plurality of LEDs is controlled by at least one remote control signal.

24. (New) The lighting apparatus according to claim 22, wherein the plurality of rotating means rotates around a rotational axis defined by the conventional lamp cap, the second lamp cap and the fitting of the LED module.

25. (New) The lighting apparatus according to claim 24, wherein the plurality of rotating means comprises a plurality of protruding elements each bearing a plurality of LEDs.

26. (New) The lighting apparatus according to claim 25, wherein each protruding element of the plurality of protruding elements comprises a hinge that enables rotating of the protruding element around at least one additional axis different from the rotational axis.

27. (New) The lighting apparatus according to claim 25, wherein the plurality of rotating means further comprises a plurality of diffuser elements configured to diffuse light effects generated by the lighting apparatus.

28. (New) The lighting apparatus according to claim 27, wherein at least one diffuser element of the plurality of diffuser elements is attached to a protruding element of the plurality of protruding elements via a hinge.

29. (New) The lighting apparatus according to claim 25, wherein the at least one diffuser element is configured to be folded in and outside an emission direction of the plurality of LEDs via the hinge.